



PCT09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/856,655

DATE: 02/08/2002

TIME: 11:41:38

Input Set : A:\pto.vsk.txt

Output Set: N:\CRF3\02082002\I856655.raw

**Does Not Comply
Corrected Diskette Needed**

```

2 <110> APPLICANT: THE UNIVERSITY OF QUEENSLAND
4 <120> TITLE OF INVENTION: IMMUNOSTIMULATORY DNA
6 <130> FILE REFERENCE: immunodNA
8 <140> CURRENT APPLICATION NUMBER: 09/856655
C--> 9 <141> CURRENT FILING DATE: 2002-01-02
10 <150> PRIOR APPLICATION NUMBER: PCT/AU99/01052
11 <151> PRIOR FILING DATE: 1999-11-25
13 <150> PRIOR APPLICATION NUMBER: PP7288
14 <151> PRIOR FILING DATE: 1998-11-25
16 <160> NUMBER OF SEQ ID NOS: 14
18 <170> SOFTWARE: PatentIn Ver. 2.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 22
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
27 <223> OTHER INFORMATION: Description of Artificial Sequence: AO-1
28     oligonucleotide
30 <400> SEQUENCE: 1
31 gctcatgacg ttctgatgc tg                                22
33 <210> SEQ ID NO: 2
35 <211> LENGTH: 22
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
41 <223> OTHER INFORMATION: Description of Artificial Sequence: AOM-1
42     oligonucleotide
44 <220> FEATURE:
46 <221> NAME/KEY: Modified_base
47 <222> LOCATION: (9)
48 <223> OTHER INFORMATION: cm
50 <400> SEQUENCE: 2
51 gctcatgacg ttctgatgc tg                                22
53 <210> SEQ ID NO: 3
54 <211> LENGTH: 22
55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
60 <223> OTHER INFORMATION: Description of Artificial Sequence: NAO-1
61     oligonucleotide
63 <400> SEQUENCE: 3
64 gctcatgacg ttctgatgc tg                                22
66 <210> SEQ ID NO: 4

```

RAW SEQUENCE LISTING

DATE: 02/08/2002

PATENT APPLICATION: US/09/856,655

TIME: 11:41:38

Input Set : A:\pto.vsk.txt

Output Set: N:\CRF3\02082002\I856655.raw

```

67 <211> LENGTH: 22
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
73 <223> OTHER INFORMATION: Description of Artificial Sequence: AOS-1
74     oligonucleotide
76 <220> FEATURE:
78 <221> NAME/KEY: misc_feature
79 <222> LOCATION: (1)..(22)
80 <223> OTHER INFORMATION: phosphorothioate
82 <400> SEQUENCE: 4
83  gctcatgacg ttcctgatgc tg                                22
85 <210> SEQ ID NO: 5
86 <211> LENGTH: 22
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence: NAOS-1
93     oligonucleotide
95 <220> FEATURE:
W--> 96 <221> NAME/KEY: misc_feature
97     misc_feature
98 <222> LOCATION: (1)..(22)
99 <223> OTHER INFORMATION: phosphorothioate
101 <400> SEQUENCE: 5
102  gctcatgagc ttcctgatgc tg                                22
104 <210> SEQ ID NO: 6
106 <211> LENGTH: 22
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence: IO-2
113     oligonucleotide
115 <400> SEQUENCE: 6
116  gctcatgccg gtcctgatgc tg                                22
118 <210> SEQ ID NO: 7
119 <211> LENGTH: 22
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
125 <223> OTHER INFORMATION: Description of Artificial Sequence: AAC-22
126     oligonucleotide
128 <400> SEQUENCE: 7
129  accgataacg ttgccgtga cg                                22
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 22
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/856,655

DATE: 02/08/2002

TIME: 11:41:38

Input Set : A:\pto.vsk.txt

Output Set: N:\CRF3\02082002\I856655.raw

```

138 <223> OTHER INFORMATION: Description of Artificial Sequence: ACC-22
139     oligonucleotide
141 <400> SEQUENCE: 8
142   accgataaccg gtgccggtga cg                               22
144 <210> SEQ ID NO: 9
145 <211> LENGTH: 22
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
151 <223> OTHER INFORMATION: Description of Artificial Sequence: M12
152     oligonucleotide
154 <400> SEQUENCE: 9
155   atccataacg ttccagaagc tg                               22
157 <210> SEQ ID NO: 10
158 <211> LENGTH: 20
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence: PU-1
165     oligonucleotide
167 <400> SEQUENCE: 10
168   gtaggaccgg aagtgggagt                               20
170 <210> SEQ ID NO: 11
171 <211> LENGTH: 99
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
177 <223> OTHER INFORMATION: Description of Artificial Sequence: Oct
178     oligonucleotide
180 <400> SEQUENCE: 11
181   aattcgagct cggtagccga tcctagcccc tctatgcaaa tgagaagcat tcctttcgaa 60
182   ttggggatcc tctagagtcg acctgcaggc atgcaagct                               99
184 <210> SEQ ID NO: 12
185 <211> LENGTH: 20
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence: 1668
192     oligonucleotide
194 <400> SEQUENCE: 12
195   tccatgacgt tcctgatgct                               20
197 <210> SEQ ID NO: 13
199 <211> LENGTH: 18
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Artificial Sequence: IL-12 p40
206     oligonucleotide
208 <400> SEQUENCE: 13

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/856,655

DATE: 02/08/2002

TIME: 11:41:38

Input Set : A:\pto.vsk.txt

Output Set: N:\CRF3\02082002\I856655.raw

```
209  gctatgacgt tccaaggg                      18
211  <210> SEQ ID NO: 14
212  <211> LENGTH: 22
213  <212> TYPE: DNA
214  <213> ORGANISM: Artificial Sequence
216  <220> FEATURE:
218  <223> OTHER INFORMATION: Description of Artificial Sequence: SAAC-22
219      oligonucleotide
221  <220> FEATURE:
223  <221> NAME/KEY: misc_feature
224  <222> LOCATION: (1)..(22)
225  <223> OTHER INFORMATION: phosphorothioate
227  <400> SEQUENCE: 14
228  accgataacg ttgccggtga cg                      22
```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/856,655

DATE: 02/08/2002

TIME: 11:41:39

Input Set : A:\pto.vsk.txt

Output Set: N:\CRF3\02082002\I856655.raw

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:96 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5